



FORM PTO - 1449 (M dified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use Several Sheets if Necessary)

ATTORNEY DOCKET NO: 6006-023
APPLICANT: Marton
FILING DATE: 5/11/01
SERIAL NO: 09/853,985
GROUP: 3765

U.S. PATENT DOCUMENTS

Examiner's Initials	Ref. Desig.	Document Number	Date	Name	Class	Subclass
PN ↑ ↓ PN	AA1	5,824,056	10/20/98	Rosenberg	623/1	606/191
	AB1	5,849,206	12/15/98	Amon, et al.	216/63	216/37
	AC1	5,858,556	1/12/99	Eckert, et al.	428/586	428/662
	AD1	5,873,904	2/23/99	Ragheb, et al.	623/1	623/11
	AE1	5,725,573	3/10/98	Deamaley, et al.	623/2	427/2.25
	AF1	5,605,714	2/25/97	Deamaley, et al.	427/2.24	427/2.25
	AG1	4,846,834	7/11/89	von Recum, et al.	623/11	623/66
	AH1	5,984,905	11/16/99	Deamaley, et al.	604/265	427/2.24
	AI1	4,751,099	6/14/88	Niino, et al.	427/34	427/423
	AJ1	4,510,182	4/9/85	Cornils, et al.	427/162	427,165
	AK1	5,242,710	9/7/93	Claar, et al.	427/248	427/249

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FOREIGN PATENT DOCUMENTS

	Ref. Desig.	Document Number	Date	Country	Class	Subclass	Trans. Yes No
PN ↑ ↓ PN	AL1	97/44692	11/27/97	WIPO	G02B 6/16		
	AM1	98/45506	10/15/98	WIPO	C25D 7/04	B23H	
	AN1	98/13537	4/2/98	WIPO	C25D 1/00	C23F 1/02	
	AO1	99/23977	5/20/99	WIPO	A61F 2/06		
	AP1	61-88135		Japan			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PN AR1 "Liquid Sources for Chemical Vapor Deposition of Group 6 Metals and Metal Nitrides" by Gordon, et al.,
www.techtransfer.harvard.edu/cgi-bin/TALSearch.cgi?full_report=1&case=3, Case Number 1709

PN AS1 "Fabrication of Small-Scale Coils and Bands as Photomasks on Optical Fibers for Generation of In-Fiber Gratings, Electromagnets as Micro-NMR Coils, Microtransformers, and Intra-Vascular Stents"
www.techtransfer.harvard.edu/cgi-bin/TALSearch.cgi?full_report=1&case=72, Case Number 1263

PN AT1 "Reactions of Biological Cells to Nanostructures", by Curtis, et al., AVS 46th International Symposium, Paper BI-WeM2 (October 27, 1999)

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PN ↑ ↓ PN	AA2	5,899,935	5/4/99	Ding	623/1	623/12
	AB2	5,723,219	3/3/98	Kolluri	428/411.1	428/407
	AC2	5,811,151	9/22/98	Hendricks, et al.	427/2.24	427/2.3
	AD2	5,866,113	2/2/99	Hendricks, et al.	424/78.17	424/78.18
	AE2	5,084,151	1/28/92	Vallana	204/192.11	204/192.14
	AF2	5,477,864	12/28/95	Davidson	128/771	
	AG2	5,607,463	3/4/97	Schwartz, et al.	623/1	623/12
	AH2	5,609,629	3/1/97	Fearnot, et al.	623/1	623/11
	AI2	5,647,858	7/15/97	Davidson	604/264	
	AJ2	5,649,951	7/22/97	Davidson	606/198	
	AK2	5,690,670	11/25/97	Davidson	606/198	606/191

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Ref. Desig.	Document Number	Date	Country	Class	Subclass	Trans. Yes No
PN ↑ ↓ PN	AL2	01/55473	8/2/01	WIPO/PCT	C23C	14/00
	AM2	97/07257	2/27/97	WIPO/PCT		
	AN2	1452370	3/13/69	Germany		
	AO2	0 400 947	12/5/90	EPO		
	AP2	0 442 303	8/21/91	EPO		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PN AR2 "Biocompatibility of Cardiac Cells on Silane-Modified Surfaces" AVS 46th International Symposium, Paper BI-WeM5 (October 27, 1999)

PN AS2 "Biofunctionalization of Surfaces with Peptide Amphiphiles" AVS 46th International Symposium, Paper No. BI-WeM7 (October 27, 1999)

PN AT2 "Plasma Copolymer Surfaces for Cell Culture" AVS 46th International Symposium, Paper No. Paper BI-WeM9 (October 27, 1999)

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Examiner's Initials	Ref. Desig.	Document Number	Date	Name	Class	Subclass
PN ↑ ↓ PN	AA3	5,735,896	4/7/98	Amon, et al.	623/11	623/1
	AB3	5,765,418	6/16/98	Rosenberg	72/47	72/42
	AC3	5,772,864	6/30/98	Moller, et al.	205/73	205/75
	AD3	5,782,910	7/21/98	Davidson	623/3	
	AE3	5,824,049	10/20/98	Ragheb	623/1	623/11
	AF3	5,728,158	3/17/98	Lau, et al.	623/12	606/194
	AG3	5,840,009	11/24/98	Fischell, et al.	600/3	
	AH3	5,728,908	7/21/98	Cahalan, et al.	623/1	623/11
	AI3	6,042,597	3/28/00	Kveen, et al.	606/198	623/1
	AJ3	6,071,305	6/6/00	Brown, et al.	623/1	623/12
	AK3	5,972,027	10/26/99	Johnson	623/1	623/12

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Ref. Desig.	Document Number	Date	Country	Class	Subclass	Trans. Yes No
PN	AL3	11267462	10/5/99	Japan		
↑	AM3	51055724	5/17/76	Japan		
↓	AN3	01/53559	7/26/01	WIPO/PCT	C23C 14/14	
PN	AO3	01/56502	8/9/01	WIPO/PCT	A61F 2/08	
	AP3	00/04204	8/2/01	WIPO/PCT		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PN AR3 "Plasma Co-polymer Surfaces for the Controlled Adsorption of Common Proteins" AVS 46th International Symposium, Paper No. BI-FrM2 (October 29, 1999)

PN AS3 "Biofilm - Titanium Chemistry of Adhesion Using X-ray Photoelectron Spectroscopy" AVS 46th International Symposium, Paper No. BI-FrM10

PN AT3 "Nanoscale Patterning of Gold for Attachment of Supported Lipid Bilayers" AVS 46th International Symposium, Paper No. BI-FrM10

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Examiner's Initials	Ref. Desig.	Document Number	Date	Name	Class	Subclass
PN ↑ ↓ PN	AA4	6,088,773	7/11/00	Dufresne, et al.	216/8	216/48
	AB4	5,830,840	5/20/97	Mayer	623/1	623/11
	AC4	5,955,588	9/21/99	Tsang, et al.	536/21	514/56
	AD4	5,968,091	10/19/99	Pinchuk, et al.	623/1	600/36
	AE4	5,962,138	10/5/99	Kolluri, et al.	428/411.1	428/497
	AF4	5,387,247	2/7/95	Vallana, et al.	623/2	623/12
	AG4	5,607,483	3/4/97	Schwartz, et al.	623/1	623/12
	AH4	6,108,642	8/22/00	DiCarlo, et al.	148/563	148/675
	AI4	5,891,507	4/6/99	Jayaraman	427/2.25	427/318
	AJ4	5,744,515	4/28/98	Clapper	523/113	523/114
	AK4	5,932,299	8/3/99	Katoot	427/508	427/385.5

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PN PN	AL4	99/62432	9/12/99	WIPO/PCT	A61F	2/01
	AM4	00/54704	9/21/00	WIPO/PCT	A61F	2/06
	AN4					
	AO4					
	AP4					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- PN AR4 "Focused Ion Beam NonaFabrication", <http://www.glue.umd.edu/~astan/avs04.htm>
- PN AS4 "Amorphous Carbon and C:N Thin Films" <http://www.glue.umd.edu/~astan/avs01.htm>
- PN AT4 "Multilayer Ceramic/Metallic Coatings by Ion Beam-Assisted, Electron Beam Physical Vapor (EB-PVD) Deposition, Penn State Applied Research Laboratory, pp. 1-4 (1997)

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Examiner's Initials	Ref. Desig.	Document Number	Date	Name	Class	Subclass
PJ ↑ ↓ PJ	AA5	5,683,453	11/4/97	Palmaz	623/1	623/12
	AB5	5,656,036	8/12/97	Palmaz	623/12	606/195
	AC5	5,938,697	8/17/99	Killion, et al.	623/1	623/12
	AD5	5,938,682	8/17/99	Hojeibane, et al.	606/198	623/1
	AE5	5,913,896	6/22/99	Boyle, et al.	623/1	623/11
	AF5	5,879,370	3/9/99	Fischell, et al.	606/198	623/1
	AG5	5,868,782	2/9/99	Frantzen	606/198	606/1
	AH5	5,843,117	12/1/98	Alt, et al.	606/194	623/1
	AI5	5,855,600	1/5/99	Alt	623/1	623/12
	AJ5	5,824,045	10/20/98	Alt	623/1	606/191
	AK5	5,843,117	12/1/98	Alt, et al.	606/194	623/1

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Ref. Desig.	Document Number	Date	Country	Class	Subclass	Trans. Yes No
AL5						
AM5						
AN5						
AO5						
AP5						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- PJ AR5 "Benefits From Diamond-Like Coated Stainless Steel Stents", <http://www.phytis.com/stents0.htm>, pp. 1-2
- PJ AS5 "Adhesion of Bovine Serum Albumin on Coated DLC (Diamond-Like) and Uncoated (SiO₂/TiO₂) Sensor Chips", <http://www.phytis.com/stent4.htm>, pp. 1-2
- PJ AT5 "Flow Cytometric Investigation", <http://www.phytis.com/stent6.htm>, pp. 1-3

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U.S. PATENT DOCUMENTS

Examiner's Initials	Ref. Desig.	Document Number	Date	Name	Class	Subclass
PN	AA6	5,780,807	7/14/98	Saunders	219/121	29/557
↑	AB6	5,607,445	3/4/97	Summers	606/198	623/1
↓	AC6	5,776,161	7/7/98	Globerman	606/194	606/192
	AD6	5,593,442	1/14/97	Klein	623/12	623/1
PN	AE6	5,569,295	10/29/96	Lam	606/198	606/195
*	AF6	5,514,154	5/7/06	Lau, et al.	606/195	606/194
PN	AG6	5,895,406	4/20/99	Gray, et al.	606/198	623/1
↑	AH6	5,876,432	3/2/99	Lau, et al.	623/1	623/12
↓	AI6	6,015,429	1/18/00	Lau, et al.	623/1	623/12
↓	AJ6	5,919,225	7/6/99	Lau, et al.	623/1	623/12
PN	AK6	6,066,167	5/23/00	Lau, et al.	623/1	

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AL6						
AM6						
AN6						
AO6						
AP6						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- PN AR6 "Pre-clinical and Clinical Evaluation", <http://www.phytis.com/stent2.htm>, pp. 1-2
- PN AS6 "The New Phytis Stent", <http://www.phytis.com/stent1.htm>, pp. 1-2
- PN AT6 "Invulnerability and Resistance of DLC-Coating", <http://www.phytis.com/stent3.htm>, pp. 1-3

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W. J. D. J. D.

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Examiner's Initials	Ref. Desig.	Document Number	Date	Name	Class	Subclass
PN	AA7	6,066,168	5/23/00	Lau, et al.	623/1	623/1.15
↕	AB7	6,056,776	5/2/00	Lau, et al.	623/1	623/12
↕	AC7	5,603,721	2/18/97	Lau, et al.	606/195	606/194
↕	AD7	6,059,808	5/9/00	Boussignac	608/191	606/194
↕	AE7	6,033,433	3/7/00	Ehr, et al.	623/1	623/12
↕	AF7	6,027,526	2/22/00	Limon, et al.	623/1	623/12
PN	AG7	6,022,370	2/8/00	Tower	606/194	606/195
PN	AH7	5,972,018	10/26/99	Israel, et al.	608/198	623/1
*	AI7	6,066,169	5/23/00	McGuinness	623/1.16	
PN	AJ7	5,277,933	1/11/94	Claar, et al.	427/248	427/249
PN	AK7	5,855,955	1/5/99	Claar, et al.	427/248.1	427/249

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AL7						
AM7						
AN7						
AO7						
AP7						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- PN AR7 "Material In Use and Its Biocompatibility", <http://www.phytis.com/stent5.htm>, pp. 1-2
- PN AS7 "Expertise Concerning the Implementation of the PHYTIS DIAMOND AS STENT Performed at the Institute for Experimental Medicine (IEM)", <http://www.phytis.com/stent9.htm>, pp. 1
- PN AT7 "PHYTIS L.D.A. Home Page information", <http://www.phytis.com/content/htm>, pp. 1-15

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Examiner's Initials	Ref. Desig.	Document Number	Date	Name	Class	Subclass
PN ↑ ↓ PN	AA8	5,945,153	8/31/99	Deamaley	427/2.12	427/527
	AB8	5,925,063	7/20/99	Khosravi	606/200	606/218
	AC8	5,061,914	10/29/91	Busch, et al.	337/140	60/527
	AD8	6,096,176	8/1/00	Roth	204/192	204/192.14
	AE8	5,907,893	6/1/99	Zadno-Azizi	29/6.1	29/412
	AF8	6,019,784	2/1/00	Hines	623/1	600/36
	AG8	5,545,210	8/13/98	Hess, et al.	623/1	623/11
	AH8	5,628,788	5/13/97	Pinchuk	623/1	623/12
	AI8	5,788,558	8/4/98	Klein	451/136	451/113
	AJ8	5,370,684	12/6/94	Vallana, et al.	623/1	623/11
	AK8	5,049,251	9/17/91	Inone	204/192	204/298

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AL8						
AM8						
AN8						
AO8						
AP8						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PN AR8 "Risk Analysis of Stents With a Diamond-Like Coated Surface For Use in Prosthetic Implants".
<http://www.phytis.com/risk.htm>, pp. 1-6

PN AS8 "Directions for Use, DIAMOND AS® Stent", <http://www.phytis.com/dircuse.htm>, pp. 1-8

PN AT8 "Stents: Literature", <http://www.phytis.com/liter.htm>, pp. 1-8

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PN *Norburn*

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PN ↑ ↓ PN	AA9	5,133,845	7/28/92	Vallana, et al.	204/192	204/192.11
	AB9	5,421,955	6/6/95	Lau, et al.	216/48	156/244
	AC9	5,540,820	7/30/96	Terakado, et al.	204/192.3	204/192.15
	AD9	5,685,961	11/11/97	Pourrezaei, et al.	204/192	204/192.14
	AE9	5,843,289	12/1/98	Lee, et al.	204/192	204/192.32
	AF9	5,855,802	1/5/99	Acciai, et al.	216/8	216/8
	AG9	5,951,881	9/14/99	Rogers, et al.	216/41	216/8
	AH9	5,798,042	8/25/98	Chu, et al.		
	AI9	5,329,514	7/12/94	Eguchi, et al.		
	AJ9	5,376,469	12/27/94	Bak, et al.		
	AK9	5,158,750	10/27/92	Finde		

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AL9						
AM9						
AN9						
AO9						
AP9						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PN AR9 "Vacuum Conditions for Sputtering Thin Film TiN", Journal of Vacuum Science and Technology, JVST A Online, pp. 1-2 (Abstract view)

PN AS9 "Oriented nickel-titanium shape memory alloy films prepared by annealing during deposition", by Kathleen Gisser, et al., Applied Physics Letters, Vol. 61, Issue 14, pp. 1632-1634 (Abstract view)

PN AT9 "Relative importance of bombardment energy and intensity in ion plating", K.S. Fancey, et al., Journal of Vacuum Science & Technology A: Vacuum, Surfaces and Films, Vol. 13, Issue 2, pp. 428-435 (Abstract view) March 1995

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PA ↓ PN	AA10	6,312,463	2/1/00	Rourke, et al.	623	1.39
	AB10	2001/0039449	1/24/00	Johnson, et al.	623	1.39
	AC10	6,194,088	2/27/01	Yoshida, et al.	428	660
	AE10	5,728,150	3/17/98	McDonald, et al.	623	1
	AF10					
	AG10					
	AH10					
	AI10					
	AJ10					
	AK10					

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AL10						
AM10						
AN10						
AO10						
AP10						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PN AS10 "Thin film shape memory microvalves with adjustable operation temperature" by M. Kohl, D. Dittman, E. Quandt, and B. Winzek, Sensors and Actuators, Vol. 83, No. 1-3, pp. 214-219 (May 2000)

PN AR10 "Multicomponent Film Deposition by Target Biasing", IBM Technical Disclosure Bulletin, pp. 1-2 (July 1980)

PN AT10 "Applications of Shape-Memory Alloy Thin Films" by A.D. Johnson and V.V. Martynov, Proceedings of the Second International Conference on Shape Memory and Superelastic Technologies Asilomar Conference Center, Pacific Grove, California, USA, pp. 1-8 (1997)

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List of Patents and Publications
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FILING DATE: 5/11/01
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- PN 1. "The Effects of Ion Irradiation on NiTi Shape Memory Alloy Thin Films" by F. Goldberg and E. Knystautas, Proceedings of the Second International Conference on Shape Memory and Superelastic Technologies Asilomar Conference Center, Pacific Grove, California, USA, pp. 177-182 (1997)
- PN 2. "Constitutive Parts of a Shape Memory Alloy Titanium Nickel Thin Film Catheter" by L. Buchailot, et al., Proceedings of the Second International Conference on Shape Memory and Superelastic Technologies Asilomar Conference Center, Pacific Grove, California, USA, pp. 183-188 (1997)
- PN 3. "The Effect of HCD Technological Factors on the NiTi SMA Film Thickness" by Q. Pingshan, et al., Proceedings of the Second International Conference on Shape Memory and Superelastic Technologies Asilomar Conference Center, Pacific Grove, California, USA, pp. 173-176 (1997)
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- PN 5. "Microstructure of Ti-Rich TiNi Thin Films" by A. Ishida, et al., Proceedings of the Second International Conference on Shape Memory and Superelastic Technologies Asilomar Conference Center, Pacific Grove, California, USA, pp. 161-166 (1997)
- PN 6. "Thin Film Shape Memory Alloy Microactuators" by TiNi Alloy Company (online)
- PN 7. "Progress in Thin Film Shape Memory Microactuators" by Johnson, et al., www.sma-mems.com/recent.htm (Overview), pp 1-5
- PN 8. "The influence of ion irradiation during film growth on the chemical stability of film/substrate systems" by W. Ensinger, Surface and Coatings Technology, Vol. 80, pp. 35-48 (1996)
- PN 9. "Sputtering Targets High-Quality Thin Film Materials" by AMETEK Specialty Metal Products online at www.ametek84.com/fd-sputtering.html, pp. 1-3

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PN 10. "A Concise History of Vacuum Coating Technology, Part 2: 1940 to 1975" by D. Mattox, www.svc.org/HistoryofVac2.html, pp 1-15

PN 11. "Model Surfaces for Studying and Controlling the Adhesion of Cells" by M. Mrksich, AVS 47th International Symposium, Invited Paper No. BI+EL-TuA1 (October 3, 2000)

PN 12. "Cell Response to Chemically and Topographically Modified Surfaces" by D.S. Sutherland, et al., AVS 47th International Symposium, Paper No. BI+EL-TuA3 (October 3, 2000)

PN 13. "Tissue Formation of Hepatocytes on Micro-Porous Films of Polylactide" by T. Nishikawa, et al., AVS 47th International Symposium, Paper No. BI+EL-TuA10 (October 3, 2000)

PN 14. "Endothelial Cell Organization on Micropatterned Protein Surfaces" by R. Daw, et al., AVS 47th International Symposium, Paper No. BI-WeP21 (October 4, 2000)

PN 15. "The Nanomechanical Properties of Thin Films" by J.E. Houston, AVS 47th International Symposium, Paper No. TF-TuA1 (October 3, 2000)

PN 16. "Anomalous Plastic and Elastic Behaviors of Sputter-deposited TiN with 10 or 20 Inserted Thin Al Layers Evaluated by Nanoindentation" by E. Kusano, et al., AVS 47th International Symposium, Paper No. TF-TuA3 (October 3, 2000)

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PN 18. "Shape Memory Properties in NiTi Sputter-deposited Film", by J.D. Busch and A.D. Johnson, J Appl. Phys. Vol. 68, No. 12, pp. 6224-6226 (December 15, 1990)

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- PN 19. "Thin-film Processing of TINI Shape Memory Alloy" by J.A. Waker and K.J. Gabriel, Sensors and Actuators, A21-A23, pp. 243-246 (1990)
- PN 20. "Sputter-deposition of TINI, TINI₂Pd and TiPd films displaying the two-way shape-memory effect" by E. Quandt, et al., Sensors and Actuators, A 53, pp. 434-439 (1996)

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